



DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND, MARIANAS
PSC 455, BOX 195
FPO AP 96540-2937

IN REPLY REFER TO:
5720
Ser 00/139
June 6, 2018

Barry L. Mead
114 San Pedro Street
Santa Rita, GU 96915-1604

Dear Mr. Mead:

SUBJECT: FREEDOM OF INFORMATION ACT (FOIA) REQUEST 18-007

This letter responds to your Freedom of Information Act (FOIA) request, dated March 3, 2018, addressed to Commander, Naval Installation Command (CNIC), 716 Sicard Street SE, Suite 1000, Washington Navy Yard, D.C. 20374-5140, in which you requested for information pertaining to chemicals being sprayed on Naval Station Guam. Specifically, you requested for the following information:

- (1) The name of the chemicals being used;
- (2) the material safety data sheets associated with the use of the chemicals sprayed on Naval Base Guam (NBG) and noted in photos accompanying FOIA request;
- (3) the areas being sprayed;
- (4) the name of the company contracted to perform the spraying; and
- (5) the identity of the individual or agency that authorized the use of the chemicals

On May 7, 2018, CNIC forwarded your FOIA request to Naval Facilities Engineering Command (NAVFAC) Headquarters. On May 8, 2018, NAVFAC Headquarters forwarded your request to NAVFAC Marianas. On May 25, 2018, we acknowledged receipt of your FOIA request and assigned file number 18-007.

On May 29, 2018, you amended your FOIA request to include all areas being sprayed within NBG Installation and Naval Support Activity Andersen Air Force Base (NSA AAFB). You further amended your FOIA request by requesting for a complete list of chemicals used or approved for use by the Navy on both NBG and NSA AAFB.

Naval Facilities Engineering Command Marianas staff performed a search of all available electronic and physical files of records responsive to your request. A review of the responsive documents indicates that portions of the documents are exempt from disclosure under 5 U.S.C. § 552(b) (4), because they contain commercial or financial information obtained from a third party.

Because your request has been partially redacted, you are advised of your right to appeal this determination, in writing, to Mr. Richard D. Zeigler at 1000 Navy Pentagon RM 4A532, Washington, D.C., 20350-1000. The appeal must be postmarked within ninety (90) calendar

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days from the date of this letter to be considered. A statement as to why your appeal should be granted should be included and the enclosed copy of this letter should be attached. Both the appeal and the envelope should bear the notation, "Freedom of Information Act Appeal."

Should you have any questions regarding the action this office took, you may contact the DoD Navy Component FOIA Public Liaison, Mr. Chris Julka, at (703) 697-0031 or via e-mail at christopher.a.julka@navy.mil.

Further questions concerning your FOIA request should be directed to Mr. Thomas Ngiraterged at (671) 333-2277 or via e-mail at thomas.ngiraterged@fe.navy.mil.

Sincerely,



S. M. JONES
Captain, Civil Engineer Corps, U.S. Navy
Commanding Officer

- Enclosure
1. Chemical List
 2. Material Safety Data Sheets
 3. Areas Sprayed
 4. Contractor Performing Spray
 5. Individual or Agency Authorizing Use of Chemical

**CHEMICAL LIST
(APPROVED FOR USE)**

Enclosure (1)

Herbicide	Granules/Pellets	Chateau Herbicide SW	59639-99	Flumioxazin	
<input type="checkbox"/>	Herbicide	Solution	EMBARK 2-S PLANT GROWTH REGULATOR	2217-759	MEFLUIDIDE
<input type="checkbox"/>	Herbicide	Granules/Pellets	Fertilizer w/ Ronstar 0.75%	52287-9	oxadiazon
<input type="checkbox"/>	Herbicide	Emulsifiable Concentrate	Glyphomate 41	2217-847	glyphosate
<input type="checkbox"/>	Herbicide	Wettable Powder	HYVAR X	352-287	BROMACIL
<input type="checkbox"/>	Herbicide	Concentrate	Hyvar X-L	352-346	bromacil
<input type="checkbox"/>	Herbicide	Dust/Granule*	KROVAR I DF HERBICIDE	352-505	BROMACIL / DIURON
<input type="checkbox"/>	Herbicide	Granules/Pellets	Oust XP	352-601	Sulfometuron methyl
<input type="checkbox"/>	Herbicide	Emulsifiable Concentrate	POAST HERBICIDE	7969-58	SETHOXYDIM
<input type="checkbox"/>	Herbicide	Concentrate	Polaris AC Herbicide	228-480	Imazapyr
<input type="checkbox"/>	Herbicide	Granules/Pellets	Prosedge Selective Herbicide 2	228-711	Halosulfuron-methyl
<input type="checkbox"/>	Herbicide	Suspension Concentrate	Q4 for Grass and Broadleaf	2217-886	3,7,- Dichloroquinoline-8-carboxylic acid / Dimethylamine Salt of 2,4-dichlorophenoxyacetic acid (2,4,D) / Dimethylamine Salt of 3,6-dichloro-o-anisic acid (Dicamba) / Sulfentrazone
<input type="checkbox"/>	Herbicide	Emulsifiable Concentrate	Ranger Pro	524-517	Glyphosate
<input type="checkbox"/>	Herbicide	Wettable Powder	Ronstar 50 WP	432-893	OXADIAZON
<input type="checkbox"/>	Herbicide	Concentrate	Ronstar Flo	432-1465	Oxadiazon
<input type="checkbox"/>	Herbicide	Dust/Granule*	Ronstar G Herbicide	432-886	oxadiazon

☐	Herbicide	Liquid*	Round Up	71995-25	glyphosate
☐	Herbicide	Emulsifiable Concentrate	Scythe Herbicide	53219-7	Pelargonic Acid
☐	Herbicide	Dispersible Granules	SureGuard	59639-120	Flumioxazin
☐	Insect Growth Regulator	Liquid*	Distance	59639-96	Pyriproxyfen
☐	Insect Growth Regulator	Solution	GENTROL EC IGR	2724-351	HYDROPRENE
☐	Insecticide	Gel	Advance Cockroach Gel Bait Reservoir	499-507	Dinotefuran
☐	Insecticide	Bait - Solid	Amdro Fire Ant Bait	73342-1	Hydramethylnon
☐	Insecticide	Granules/Pellets	Amdro-Pro	241-322	Hydramethylnon
☐	Insecticide	Dust/Granule*	BORID	9444-129	BORIC ACID
☐	Insecticide	Aerosol	CB-80	9444-96	PYRETHRIN/ PIPERONYL BUTOXIDE / PIPERONYL BUTOXIDE
☐	Insecticide	Emulsifiable Concentrate	CYNOFF EC	279-3081	CYPERMETHRIN
☐	Insecticide	Aerosol	d-force hpx	9444-217	Deltamethrin
☐	Insecticide	Emulsifiable Concentrate	Demon Max	100-1218	Cypermethrin
☐	Insecticide	Pest Strips	Endzone	8033-114-279	Acetamiprid
☐	Insecticide	Solution	ExciteR	655-798	PIPERONYL BUTOXIDE / Pyrethrins
☐	Insecticide	Solution	I Maxx Pro	432-1332-73748	Imidacloprid
☐	Insecticide	Granules/Pellets	Intice	73079-2	Orthoboric Acid
☐	Insecticide	Granules/Pellets	INTICE 10 PERIMETER BAIT	73079-6	ORTHOBORIC ACID
☐	Insecticide	Liquid*	Kicker	432-1145	PIPERONYL BUTOXIDE / PYRETHRINS

<input type="checkbox"/>	Insecticide	Concentrate	Lesco Cross Check Plus	51036-392-10404	Bifenthrin
<input type="checkbox"/>	Insecticide	Bait - Solid	Max Force Fly Bait	432-1375	Imidacloprid / Tricosene
<input type="checkbox"/>	Insecticide	Bait - Solid	Max Force Fly Spot Bait	432-1455	Imidacloprid / Tricosene
<input type="checkbox"/>	Insecticide	Gel	Maxforce Ant Killer Gel	432-1264	Fipronil
<input type="checkbox"/>	Insecticide	Granules/Pellets	Maxforce Complete Granular Bait	432-1255	Hydramethylnon
<input type="checkbox"/>	Insecticide	Gel	MAXFORCE FC	64248-14	FIPRONIL
<input type="checkbox"/>	Insecticide	Gel	Maxforce FC Magnum Roach Killer Bait Gel	432-1460	Fipronil
<input type="checkbox"/>	Insecticide	Gel	MAXFORCE FC ROACH BAIT GEL	432-1259	FIPRONIL
<input type="checkbox"/>	Insecticide	Granules/Pellets	MAXFORCE GRANULAR INSECT BAIT	64248-6	HYDRAMETHYLNON
<input type="checkbox"/>	Insecticide	Gel	Maxforce Quantum Ant Bait	432-1506	Imidacloprid
<input type="checkbox"/>	Insecticide	Gel	MGK Roach Bait 2822	1021-1828	abamectin
<input type="checkbox"/>	Insecticide	Granules/Pellets	NIBAN-FG	64405-2	ORTHOBORIC ACID
<input type="checkbox"/>	Insecticide	Solution	PHANTOM	241-392	Chlorfenapyr
<input type="checkbox"/>	Insecticide	Aerosol	Phantom Pressurized	7969-285	Chlorfenapyr
<input type="checkbox"/>	Insecticide	Soluble Powder	Premise 75	432-1332	Imidacloprid
<input type="checkbox"/>	Insecticide	Emulsifiable Concentrate	SEVIN SL	432-1227-10404	CARBARYL
<input type="checkbox"/>	Insecticide	Solution	Steri-Fab	397-13	d-phenothrin / DIDECYL DIMETHYL AMMONIUM CHLORIDE / N-ALKYL DIMETHYL BENZYLAMMONIUM CHLORIDE / Isopropyl Alcohol

☐	Insecticide	Briquets	Summit B.T.I. Briquets	6218-47	BACILLUS THURINGIENSIS
☐	Insecticide	Suspension Concentrate	Suspend Polyzone	432-1514	Deltamethrin
☐	Insecticide	Suspension Concentrate	SUSPEND SC	432-763	DELTAMETHRIN
☐	Insecticide	Aerosol	Talstar	279-3365	Bifenthrin / Prallethrin
☐	Insecticide	Granules/Pellets	TALSTAR PL / Talstar EZ	279-3168	BIFENTHRIN
☐	Insecticide	Emulsifiable Concentrate	TalstarOne / Talstar P	279-3206	Bifenthrin
☐	Insecticide	Wettable Powder	Tempo Ultra WSP	432-1377	B-Cyfluthrin
☐	Insecticide	Suspension Concentrate	Temprid SC	432-1483	Cyfluthrin / Imidacloprid
☐	Insecticide	Suspension Concentrate	Termidor SC	7969-210	Fipronil
☐	Insecticide	Bait - Liquid	TERRO ANT KILLER	149-8	Borax
☐	Insecticide	Bait - Liquid	Terro PCO	149-8-64405	Borax
☐	Insecticide	Soluble Powder	Tim-Bor Professional / Nibor-D	64405-8	Disodium Octaborate Tetrahydrate
☐	Insecticide	Aerosol	ULD BP-300	499-450	Piperonyl Butoxide / n-Octyl Bicycloheptene Dicarboximide / Pyrethrins
☐	Plant Growth Regulator	Emulsifiable Concentrate	Primo Maxx	100-937	Trinexapac-ethyl
☐	Plant Growth Regulator	Aqueous Solution*	Quali-Pro T-Nex 1AQ	73220-12	Trinexapac-ethyl
☐	Plant Growth Regulator	Concentrate	T-NEX 1 AQ	66222-212	Trinexapac-ethyl
☐	Rodenticide	Bait - Solid	DITRAC ALL-WEATHER BLOX	12455-80	DIPHACINONE
☐	Rodenticide	Bait - Solid	EATONS BAIT BLOCKS	56-42	DIPHACINONE
☐	Rodenticide	Bait - Solid	FASTRAC ALL-WEATHER	12455-95	BROMETHALIN

			BLOX		
<input type="checkbox"/>	Rodenticide	Granules/Pellets	Talon G	100-1050	Brodifacoum
<input type="checkbox"/>	Rodenticide	Bait - Solid	Weatherblok Bait	100-1055	Brodifacoum

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**MATERIALS SAFETY DATA SHEETS
FOR CHEMICALS SPRAYED ON NBG AND NOTED IN
PHOTO'S ACCOMPANYING FOIA REQUEST LETTER.**

Enclosure (2)

MONSANTO COMPANY

Safety Data Sheet Commercial Product

1. PRODUCT AND COMPANY IDENTIFICATION

1.1. Product identifier

Ranger PRO® Herbicide

1.1.1. Chemical name

Not applicable.

1.1.2. Synonyms

None.

1.1.3. EPA Reg. No.

524-517

1.2. Product use

Herbicide

1.3. Company

MONSANTO COMPANY, 800 N. Lindbergh Blvd., St. Louis, MO, 63167

Telephone: 800-332-3111, Fax: 314-694-5557

E-mail: safety.datasheet@monsanto.com

1.4. Emergency numbers

FOR CHEMICAL EMERGENCY, SPILL LEAK, FIRE, EXPOSURE, OR ACCIDENT Call
CHEMTREC - Day or Night: 1-800-424-9300 toll free in the continental U.S., Puerto Rico, Canada, or
Virgin Islands. For calls originating elsewhere: 703-527-3887 (collect calls accepted).

FOR MEDICAL EMERGENCY - Day or Night: +1 (314) 694-4000 (collect calls accepted).

2. HAZARDS IDENTIFICATION

2.1. Classification

OSHA Hazard Communication Standard, 29 CFR 1910.1200 (2012)

Acute toxicity, inhalation - Category 4

2.2. Label elements

2.2.1. Signal word

WARNING!

2.2.2. Hazard pictogram/pictograms



2.2.3. Hazard statement/statements

Harmful if inhaled.

2.2.4. Precautionary statement/statements

Avoid breathing dust/fume/gas/mist/vapours/spray.

Use only outdoors or in a well-ventilated area.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Call a POISON CENTER or doctor/physician if you feel unwell.

2.3. Appearance and odour (colour/form/odour)

Amber /Liquid / Sweet

2.4. OSHA Status

This product is hazardous according to the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Refer to section 11 for toxicological and section 12 for environmental information.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Active ingredient

Isopropylamine salt of N-(phosphonomethyl)glycine; {Isopropylamine salt of glyphosate}

Composition

COMPONENT	CAS No.	% by weight (approximate)
Isopropylamine salt of glyphosate	38641-94-0	41
Other ingredients		59

The specific chemical identity is being withheld because it is trade secret information of Monsanto Company.

4. FIRST AID MEASURES

Use personal protection recommended in section 8.

4.1. Description of first aid measures

- 4.1.1. **Eye contact:** If in eyes, hold eye open and rinse slowly and gently for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice. Immediately flush with plenty of water.
- 4.1.2. **Skin contact:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
- 4.1.3. **Inhalation:** If inhaled, move person to fresh air. If person is not breathing, call emergency number or ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for treatment advice.
- 4.1.4. **Ingestion:** Call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison center or doctor. Do not give anything by mouth to an unconscious person.

4.2. Most important symptoms and effects, both acute and delayed

- 4.2.1. **Eye contact, short term:** May cause temporary eye irritation.
- 4.2.2. **Skin contact, short term:** Not expected to produce significant adverse effects when recommended use instructions are followed.
- 4.2.3. **Inhalation, short term:** Not expected to produce significant adverse effects when recommended use instructions are followed.
- 4.2.4. **Single ingestion:** Not expected to produce significant adverse effects when recommended use instructions are followed.

4.3. Indication of any immediate medical attention and special treatment needed

- 4.3.1. **Advice to doctors:** This product is not an inhibitor of cholinesterase.
- 4.3.2. **Antidote:** Treatment with atropine and oximes is not indicated.

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

5.1.1. Recommended: Water, foam, dry chemical, carbon dioxide (CO₂)

5.2. Special hazards

5.2.1. Unusual fire and explosion hazards

Minimise use of water to prevent environmental contamination.
Environmental precautions: see section 6.

5.2.2. Hazardous products of combustion

Carbon monoxide (CO), phosphorus oxides (P_xO_y), nitrogen oxides (NO_x)

5.3. Fire fighting equipment: Self-contained breathing apparatus. Equipment should be thoroughly decontaminated after use.

5.4. Flash point

Does not flash.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions

Use personal protection recommended in section 8.

6.2. Environmental precautions

SMALL QUANTITIES:

Low environmental hazard.

LARGE QUANTITIES:

Minimise spread.

Keep out of drains, sewers, ditches and water ways.

Notify authorities.

6.3. Methods for cleaning up

SMALL QUANTITIES:

Flush spill area with water.

LARGE QUANTITIES:

Absorb in earth, sand or absorbent material.

Dig up heavily contaminated soil.

Collect in containers for disposal.

Refer to section 7 for types of containers.

Flush residues with small quantities of water.

Minimise use of water to prevent environmental contamination.

Refer to section 13 for disposal of spilled material.

Use handling recommendations in Section 7 and personal protection recommendations in Section 8.

7. HANDLING AND STORAGE

Good industrial practice in housekeeping and personal hygiene should be followed.

7.1. Precautions for safe handling

When using do not eat, drink or smoke. Wash hands thoroughly after handling or contact. Thoroughly clean equipment after use. Do not contaminate drains, sewers and water ways when disposing of equipment rinse water. Refer to section 13 of the safety data sheet for disposal of rinse water.

7.2. Conditions for safe storage

Minimum storage temperature: -15 °C

Maximum storage temperature: 50 °C

Compatible materials for storage: stainless steel, fibreglass, plastic, glass lining

Incompatible materials for storage: galvanised steel, unlined mild steel, see section 10.
Keep out of reach of children.
Keep away from food, drink and animal feed.
Keep only in the original container.
Partial crystallization may occur on prolonged storage below the minimum storage temperature.
If frozen, place in warm room and shake frequently to put back into solution.
Minimum shelf life: 5 years.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Airborne exposure limits

Components	Exposure Guidelines
Isopropylamine salt of glyphosate	No specific occupational exposure limit has been established.
Other ingredients	No specific occupational exposure limit has been established.

8.2. Engineering controls: No special requirement when used as recommended.

8.3. Recommendations for personal protective equipment

- 8.3.1. Eye protection:** If there is significant potential for contact: Wear chemical goggles.
8.3.2. Skin protection: No special requirement when used as recommended. If repeated or prolonged contact: Wear chemical resistant gloves.
8.3.3. Respiratory protection: No special requirement when used as recommended.

When recommended, consult manufacturer of personal protective equipment for the appropriate type of equipment for a given application.

9. PHYSICAL AND CHEMICAL PROPERTIES

These physical data are typical values based on material tested but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specifications for the product.

Colour/colour range:	Amber
Odour:	Sweet
Form:	Liquid
Physical form changes (melting, boiling, etc.):	
Melting point:	Not applicable.
Boiling point:	No data.
Flash point:	Does not flash.
Explosive properties:	No data.
Auto ignition temperature:	No data.
Self-accelerating decomposition temperature (SADT):	No data.
Oxidizing properties:	No data.
Specific gravity:	1.162 @ 20 °C / 15.6 °C
Vapour pressure:	No significant volatility.
Vapour density:	Not applicable.
Evaporation rate:	No data.
Dynamic viscosity:	No data.
Kinematic viscosity:	No data.
Density:	1.162 g/cm ³ @ 20 °C
Solubility:	Water: Completely miscible.

pH:	4.4 - 5.0
Partition coefficient:	log Pow: < 0.00

10. STABILITY AND REACTIVITY

10.1. Reactivity

Reacts with galvanised steel or unlined mild steel to produce hydrogen, a highly flammable gas that could explode.

10.2. Stability

Stable under normal conditions of handling and storage.

10.3. Possibility of hazardous reactions

Reacts with galvanised steel or unlined mild steel to produce hydrogen, a highly flammable gas that could explode.

10.4. Incompatible materials

galvanised steel; unlined mild steel; see section 10.;
Compatible materials for storage: see section 7.2.

10.5. Hazardous decomposition

Thermal decomposition: Hazardous products of combustion: see section 5.

11. TOXICOLOGICAL INFORMATION

This section is intended for use by toxicologists and other health professionals.

Likely routes of exposure: Skin contact, eye contact

Potential health effects

Eye contact, short term: May cause temporary eye irritation.

Skin contact, short term: Not expected to produce significant adverse effects when recommended use instructions are followed.

Inhalation, short term: Not expected to produce significant adverse effects when recommended use instructions are followed.

Single ingestion: Not expected to produce significant adverse effects when recommended use instructions are followed.

Data obtained on similar products and on components are summarized below.

Similar formulation

Acute oral toxicity

Rat, LD50: 5,108 mg/kg body weight
Practically non-toxic.

Acute dermal toxicity

Rat, LD50 (limit test): > 5,000 mg/kg body weight
Practically non-toxic. No mortality.

Skin irritation

Rabbit, 6 animals, OECD 404 test:

Days to heal: 3

Primary Irritation Index (PII): 0.5/8.0

Essentially non irritating.

Eye irritation

Rabbit, 6 animals, OECD 405 test:

Days to heal: 3

Slight irritation.

Acute inhalation toxicity

Rat, LC50, 4 hours, aerosol: 2.9 mg/L

Other effects: weight loss, breathing difficulty

Practically non-toxic.

Skin sensitization

Guinea pig, 3-induction Buehler test:

Positive incidence: 0 %

N-(phosphonomethyl)glycine: { glyphosate acid}

Genotoxicity

Not genotoxic.

Carcinogenicity

Not carcinogenic in rats or mice.

Reproductive/Developmental Toxicity

Developmental effects in rats and rabbits only in the presence of significant maternal toxicity.

Reproductive effects in rats only in the presence of significant maternal toxicity.

12. ECOLOGICAL INFORMATION

This section is intended for use by ecotoxicologists and other environmental specialists.

Data obtained on similar products and on components are summarized below.

Similar formulation

Aquatic toxicity, fish

Rainbow trout (*Oncorhynchus mykiss*):

Acute toxicity, 96 hours, static, LC50: 5.4 mg/L

Moderately toxic.

Bluegill sunfish (*Lepomis macrochirus*):

Acute toxicity, 96 hours, static, LC50: 7.3 mg/L

Moderately toxic.

Aquatic toxicity, invertebrates

Water flea (*Daphnia magna*):

Acute toxicity, 48 hours, static, EC50: 11 mg/L

Slightly toxic.

Avian toxicity

Mallard duck (*Anas platyrhynchos*):

Dietary toxicity, 5 days, LC50: > 5,620 mg/kg diet

Practically non-toxic.

Bobwhite quail (*Colinus virginianus*):

Dietary toxicity, 5 days, LC50: > 5,620 mg/kg diet

Practically non-toxic.

Arthropod toxicity

Honey bee (*Apis mellifera*):

Oral/contact, 48 hours, LD50: > 100 µg/bee

Practically non-toxic.

Soil organism toxicity, invertebrates

Earthworm (*Eisenia foetida*):

Acute toxicity, 14 days, LC50: > 1,250 mg/kg soil
Practically non-toxic.

Similar formulation

Aquatic toxicity, algae/aquatic plants

Green algae (*Selenastrum capricornutum*):

Acute toxicity, 72 hours, static, EbC50 (biomass): 12.4 mg/L
Slightly toxic.

Green algae (*Selenastrum capricornutum*):

Acute toxicity, 72 hours, static, NOEC: 6.3 mg/L

N-(phosphonomethyl)glycine; { glyphosate acid}

Bioaccumulation

Bluegill sunfish (*Lepomis macrochirus*):

Whole fish: BCF: < 1
No significant bioaccumulation is expected.

Dissipation

Soil, field:

Half life: 2 - 174 days
Koc: 884 - 60,000 L/kg
Adsorbs strongly to soil.

Water, aerobic:

Half life: < 7 days

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

13.1.1. Product

Excess product may be disposed of by agricultural use according to label instructions. Keep out of drains, sewers, ditches and water ways. Recycle if appropriate facilities/equipment available. Burn in proper incinerator. Follow all local/regional/national/international regulations.

13.1.2. Container

See the individual container label for disposal information. Emptied containers retain vapour and product residue. Observe all labeled safeguards until container is cleaned, reconditioned or destroyed. Empty packaging completely. Triple or pressure rinse empty containers. Do NOT contaminate water when disposing of rinse waters. Ensure packaging cannot be reused. Do NOT re-use containers. Store for collection by approved waste disposal service. Recycle if appropriate facilities/equipment available. Follow all local/regional/national/international regulations.

Use handling recommendations in Section 7 and personal protection recommendations in Section 8.

14. TRANSPORT INFORMATION

The data provided in this section is for information only. Please apply the appropriate regulations to properly classify your shipment for transportation.

14.1. US Dept. of Transportation (DOT) Hazardous Materials Regulations (49 CFR Parts 105-180)

Proper Shipping Name (Technical Name if required):	Not regulated for domestic ground transportation. ()
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14.2. IMDG Code

Proper Shipping Name	Not regulated for transport under IMO Regulations ()
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(Technical Name if required):	
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14.3. IATA/ICAO

Proper Shipping Name (Technical Name if required):	Not regulated for transport under IATA/ICAO Regulations ()
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15. REGULATORY INFORMATION

15.1. Environmental Protection Agency

15.1.1. TSCA Inventory

All components are on the US EPA's TSCA Inventory

15.1.2. SARA Title III Rules

Section 311/312 Hazard Categories: Immediate

Section 302 Extremely Hazardous Substances: Not applicable.

Section 313 Toxic Chemical(s): Not applicable.

15.1.3. CERCLA Reportable quantity

Not applicable.

15.1.4. Federal Insecticide, Fungicide, Rodenticide Act (FIFRA)

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

CAUTION!
CAUSES EYE IRRITATION

Acute oral toxicity: FIFRA category IV.

Acute dermal toxicity: FIFRA category IV.

Acute inhalation toxicity: FIFRA category IV.

Skin irritation: FIFRA category IV.

Eye irritation: FIFRA category III.

16. OTHER INFORMATION

The information given here is not necessarily exhaustive but is representative of relevant, reliable data.

Follow all local/regional/national/international regulations.

Please consult supplier if further information is needed.

In this document the British spelling was applied.

	Health	Flammability	Instability	Additional Markings
NFPA	1	1	1	
0 = Minimal hazard, 1 = Slight hazard, 2 = Moderate hazard, 3 = Severe hazard, 4 = Extreme hazard				

Full denomination of most frequently used acronyms. BCF (Bioconcentration Factor), BOD (Biochemical Oxygen Demand), COD (Chemical Oxygen Demand), EC50 (50% effect concentration), ED50 (50% effect dose), I.M. (intramuscular), I.P. (intraperitoneal), I.V. (intravenous), Koc (Soil adsorption coefficient), LC50 (50% lethality concentration), LD50 (50% lethality dose), LDLo (Lower limit of lethal dosage), LEL (Lower Explosion Limit), LOAEC (Lowest Observed Adverse Effect Concentration), LOAEL (Lowest Observed Adverse Effect Level), LOEC (Lowest

Observed Effect Concentration), LOEL (Lowest Observed Effect Level), MEL (Maximum Exposure limit), MTD (Maximum Tolerated Dose), NOAEC (No Observed Adverse Effect Concentration), NOAEL (No Observed Adverse Effect Level), NOEC (No Observed Effect Concentration), NOEL (No Observed Effect Level), OEL (Occupational Exposure Limit), PEL (Permissible Exposure Limit), PI (Primary Irritation Index), Pow (Partition coefficient n-octanol/water), S.C. (subcutaneous), STEL (Short-Term Exposure Limit), TLV-C (Threshold Limit Value-Ceiling), TLV-TWA (Threshold Limit Value - Time Weighted Average), UEL (Upper Explosion Limit)

This Material Safety Data Sheet (MSDS) serves different purposes than and DOES NOT REPLACE OR MODIFY THE EPA-APPROVED PRODUCT LABELING (attached to and accompanying the product container). This MSDS provides important health, safety, and environmental information for employers, employees, emergency responders and others handling large quantities of the product in activities generally other than product use, while the labeling provides that information specifically for product use in the ordinary course. Use, storage and disposal of pesticide products are regulated by the EPA under the authority of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) through the product labeling, and all necessary and appropriate precautionary, use, storage, and disposal information is set forth on that labeling. It is a violation of federal law to use a pesticide product in any manner not prescribed on the EPA-approved label.

Although the information and recommendations set forth herein (hereinafter "Information") are presented in good faith and believed to be correct as of the date hereof, MONSANTO Company or any of its subsidiaries makes no representations as to the completeness or accuracy thereof. Information is supplied upon the condition that the persons receiving same will make their own determination as to its suitability for the purposes prior to use. In no event will MONSANTO Company or any of its subsidiaries be responsible for damages of any nature whatsoever resulting from the use of or reliance upon information. NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER NATURE ARE MADE HEREUNDER WITH RESPECT TO INFORMATION OR TO THE PRODUCT TO WHICH INFORMATION REFERS.

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SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product identifier

Trade name OUST® XP HERBICIDE
Product code (UVP) 84119822, 85782614
SDS Number 102000030326
EPA Registration No. 432-1552

Relevant identified uses of the substance or mixture and uses advised against

Use Herbicide

Restrictions on use See product label for restrictions.

Information on supplier

Supplier Bayer Environmental Science
2 T.W. Alexander Drive
Research Triangle PK, NC 27709
USA

Responsible Department Email: SDSINFO.BCS-NA@bayer.com

Emergency telephone no.

Emergency Telephone Number (24hr/ 7 days) 1-800-334-7577

Product Information Telephone Number 1-800-331-2867

SECTION 2: HAZARDS IDENTIFICATION

Classification in accordance with regulation HCS 29CFR §1910.1200

This material is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.

Hazards Not Otherwise Classified (HNOC)

No physical hazards not otherwise classified.

No health hazards not otherwise classified.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Component Name	CAS-No.	Concentration % by weight
SULFOMETURON METHYL	74222-97-2	75.0
Lignosulfonic acid, sodium salt, sulfomethylated	68512-34-5	4.0
Trisodium orthophosphate	7601-54-9	4.3

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SECTION 4: FIRST AID MEASURES

Description of first aid measures

General advice	When possible, have the product container or label with you when calling a poison control center or doctor or going for treatment.
Inhalation	Move to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a physician or poison control center immediately.
Skin contact	Take off contaminated clothing and shoes immediately. Wash off immediately with plenty of water for at least 15 minutes. Call a physician or poison control center immediately.
Eye contact	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a physician or poison control center immediately.
Ingestion	Call a physician or poison control center immediately. DO NOT induce vomiting unless directed to do so by a physician or poison control center. Rinse out mouth and give water in small sips to drink. Never give anything by mouth to an unconscious person. Do not leave victim unattended.

Most important symptoms and effects, both acute and delayed

Symptoms	Ingestion may provoke the following symptoms: Tiredness, Increased pulse rate, Dizziness, Shortness of breath, Jaundice
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Indication of any immediate medical attention and special treatment needed

Treatment	Appropriate supportive and symptomatic treatment as indicated by the patient's condition is recommended. There is no specific antidote.
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SECTION 5: FIREFIGHTING MEASURES

Extinguishing media

Suitable	Water spray, Dry chemical, Foam, Carbon dioxide (CO2)
Unsuitable	High volume water jet

Special hazards arising from the substance or mixture	Dangerous gases are evolved in the event of a fire., Accumulation of fine dust may entail the risk of a dust explosion in the presence of air.
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Advice for firefighters

Special protective equipment for firefighters	Firefighters should wear NIOSH approved self-contained breathing apparatus and full protective clothing.
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Further information	Keep out of smoke. Fight fire from upwind position. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or water courses. Whenever possible, contain fire-fighting water by diking area with sand or earth.
Flash point	Not applicable
Auto-ignition temperature	No data available
Lower explosion limit	Not applicable
Upper explosion limit	Not applicable
Explosivity	No data available

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Precautions Keep unauthorized people away. Isolate hazard area. Avoid contact with spilled product or contaminated surfaces.

Methods and materials for containment and cleaning up

Methods for cleaning up Avoid dust formation. Sweep up or vacuum up spillage and collect in suitable container for disposal. Clean contaminated floors and objects thoroughly, observing environmental regulations.

Additional advice Use personal protective equipment. If the product is accidentally spilled, do not allow to enter soil, waterways or waste water canal. Do not allow product to contact non-target plants.

Reference to other sections Information regarding safe handling, see section 7.
Information regarding personal protective equipment, see section 8.
Information regarding waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Ensure adequate ventilation. Handle and open container in a manner as to prevent spillage.

Advice on protection against fire and explosion Keep away from heat and sources of ignition. Dust may form explosive mixture in air.

Hygiene measures Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, using the toilet or applying cosmetics.
Remove Personal Protective Equipment (PPE) immediately after handling this product. Remove soiled clothing immediately and clean thoroughly before using again. Wash thoroughly and put on clean clothing.

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Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers

Store in original container and out of the reach of children, preferably in a locked storage area. Store in a cool, dry place and in such a manner as to prevent cross contamination with other crop protection products, fertilizers, food, and feed. Keep away from direct sunlight.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Components	CAS-No.	Control parameters	Update	Basis
SULFOMETURON METHYL	74222-97-2	5 mg/m ³ (TWA)	02 2012	ACGIH
SULFOMETURON METHYL	74222-97-2	3.5 mg/m ³ (TWA PEL)	08 2010	US CA OEL
Trisodium orthophosphate	7601-54-9	5 mg/m ³ (STEL)	2012	WEEL

Exposure controls

Personal protective equipment

In normal use and handling conditions please refer to the label and/or leaflet. In all other cases the following recommendations would apply.

Respiratory protection

When respirators are required, select NIOSH approved equipment based on actual or potential airborne concentrations and in accordance with the appropriate regulatory standards and/or industry recommendations.

Hand protection

Chemical resistant nitrile rubber gloves

Eye protection

Safety glasses with side-shields

Skin and body protection

Wear long-sleeved shirt and long pants and shoes plus socks.

General protective measures

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and warm/tepid water.
Keep and wash PPE separately from other laundry.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

white to beige

Physical State

small rod

Odor

slight

Odour Threshold

No data available

pH

7.8 at 1 %
(as aqueous solution)

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Vapor Pressure	No data available
Vapor Density (Air = 1)	No data available
Density	ca. 0.64 g/ml
Bulk density	39 lb/ft ³ (bulk density tapped)
Evaporation rate	Not applicable
Boiling Point	Not applicable
Melting / Freezing Point	Not applicable
Water solubility	dispersible
Minimum Ignition Energy	Not applicable
Decomposition temperature	No data available
Partition coefficient: n-octanol/water	Not applicable
Viscosity	Not applicable
Flash point	Not applicable
Auto-ignition temperature	No data available
Lower explosion limit	Not applicable
Upper explosion limit	Not applicable
Explosivity	No data available

SECTION 10: STABILITY AND REACTIVITY

Reactivity

Thermal decomposition	No data available
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	No hazardous reactions when stored and handled according to prescribed instructions.
Conditions to avoid	Heat, flames and sparks.
Incompatible materials	No data available
Hazardous decomposition products	No decomposition products expected under normal conditions of use.

SECTION 11: TOXICOLOGICAL INFORMATION

Exposure routes	Eye contact, Skin contact, Ingestion, Inhalation
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Immediate Effects

Eye May cause redness, irritation, tearing.
Skin May cause slight irritation.

Information on toxicological effects

Acute oral toxicity LD50 (Rat) > 5,000 mg/kg
Acute inhalation toxicity LC50 (Rat) > 5.3 mg/l
Exposure time: 4 h
Acute dermal toxicity LD50 (Rabbit) > 5,000 mg/kg
Skin irritation slight irritation (Rabbit)
Eye irritation slight irritation (Rabbit)
Sensitisation Non-sensitizing. (Guinea pig)

ACGIH

SULFOMETURON METHYL 74222-97-2 Group A4

NTP

None.

IARC

None.

OSHA

None.

Further information

Only acute toxicity studies have been performed on the formulated product.

SECTION 12: ECOLOGICAL INFORMATION

Chronic toxicity to fish Oncorhynchus mykiss (rainbow trout)
LC50: > 148 mg/l
Exposure time: 96 h
The value mentioned relates to the active ingredient sulfometuron methyl.

Lepomis macrochirus (Bluegill sunfish)
LC50: > 150 mg/l
Exposure time: 96 d
The value mentioned relates to the active ingredient sulfometuron methyl.

Chronic toxicity to aquatic invertebrates EC50 (Daphnia (water flea)): 150 mg/l
Exposure time: 48 h
The value mentioned relates to the active ingredient sulfometuron methyl.

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Toxicity to aquatic plants	EC50 (Raphidocelis subcapitata (freshwater green alga)) 0.0046 mg/l Exposure time: 120 h The value mentioned relates to the active ingredient sulfometuron methyl.
Environmental precautions	Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate surface or ground water by cleaning equipment or disposal of wastes, including equipment wash water. Drift or runoff from treated areas may adversely affect non-target plants. Apply this product as specified on the label.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Product	Do not contaminate water, food, or feed by disposal. Dispose of unused product by incineration at a licensed incineration plant, in accordance with all applicable national and local regulations.
Contaminated packaging	Consult state and local regulations regarding the proper disposal of container. Follow advice on product label and/or leaflet.
RCRA Information	Characterization and proper disposal of this material as a special or hazardous waste is dependent upon Federal, State and local laws and are the user's responsibility. RCRA classification may apply.

SECTION 14: TRANSPORT INFORMATION

49CFR	Not dangerous goods / not hazardous material
IMDG	
UN number	3077
Class	9
Packaging group	III
Marine pollutant	YES
Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (SULFOMETURON METHYL MIXTURE)
IATA	
UN number	3077
Class	9
Packaging group	III
Environm. Hazardous Mark	YES
Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.

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(SULFOMETURON METHYL MIXTURE)

This transportation information is not intended to convey all specific regulatory information relating to this product. It does not address regulatory variations due to package size or special transportation requirements.

SECTION 15: REGULATORY INFORMATION

EPA Registration No. 432-1552

US Federal Regulations

TSCA list

Lignosulfonic acid, sodium salt, 68512-34-5
sulfomethylated

Trisodium orthophosphate 7601-54-9

US. Toxic Substances Control Act (TSCA) Section 12(b) Export Notification (40 CFR 707, Subpt D)
Not applicable.

SARA Title III - Section 302 - Notification and Information

None.

SARA Title III - Section 313 - Toxic Chemical Release Reporting

None.

US States Regulatory Reporting

CA Prop65

This product does not contain any substances known to the State of California to cause cancer.

This product does not contain any substances known to the State of California to cause reproductive harm.

US State Right-To-Know Ingredients

Trisodium orthophosphate 7601-54-9 CA, CT, IL, MN, NJ

EPA/FIFRA Information:

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information required on the pesticide label:

Signal word: Caution!

Hazard statements: Moderate eye irritation.
Avoid contact with skin, eyes and clothing.

SECTION 16: OTHER INFORMATION

Abbreviations and acronyms

49CFR Code of Federal Regulations, Title 49

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ACGIH	US. ACGIH Threshold Limit Values
ATE	Acute toxicity estimate
CAS-Nr.	Chemical Abstracts Service number
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
EINECS	European inventory of existing commercial substances
ELINCS	European list of notified chemical substances
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
N.O.S.	Not otherwise specified
NTP	US. National Toxicology Program (NTP) Report on Carcinogens
OECD	Organization for Economic Co-operation and Development
TDG	Transportation of Dangerous Goods
TWA	Time weighted average
UN	United Nations
WHO	World health organisation

NFPA 704 (National Fire Protection Association):

Health - 1 Flammability - 1 Instability - 0 Others - none

HMIS (Hazardous Materials Identification System, based on the Third Edition Ratings Guide)

Health - 1 Flammability - 1 Physical Hazard - 0 PPE -

0 = minimal hazard, 1 = slight hazard, 2 = moderate hazard, 3 = severe hazard, 4 = extreme hazard

Reason for Revision: The following sections have been revised: Section 2: Hazards Identification.
Section 3: Composition / Information on Ingredients. Section 8: Exposure Controls / Personal Protection.
Reviewed and updated for general editorial purposes.

Revision Date: 02/20/2018

This information is provided in good faith but without express or implied warranty. The customer assumes all responsibility for safety and use not in accordance with label instructions. The product names are registered trademarks of Bayer.

AREA'S SPRAYED

Enclosure (3)

Installation Name	Facility	Site	Pest	Area Treated	Pesticide Name	Active Ingredient	EPA Number
Guam, COMNAVMMARIANAS	Parcel 614 Oleander and Pandanus Areas	Outdoor Areas	Grasses	25500.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVMMARIANAS	Parcel 500 DDGM	Electrical Boxes/Equip.	Grasses	10243.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVMMARIANAS	Parcel 615 South Finegayan Open Field Ar	Outdoor Areas	Grasses	38250.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVMMARIANAS	Parcel 1013, Bldg 4175	Sidewalks/parking	Grasses	2500.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVMMARIANAS	Parcel 605A Apra View	Outdoor Areas	Grasses	3100.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVMMARIANAS	Parcel 186 Right Side of Polaris Point	Electrical Boxes/Equip.	Grasses	3350.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVMMARIANAS	Parcel 611 Polinciana Place	Outdoor Areas	Grasses	25500.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVMMARIANAS	Parcel 153 Ungalate Fence Line	Industrial Areas	Grasses	15000.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVMMARIANAS	Parcel 152A Camp Covington Fence to back	Fencelines	Grasses	45000.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVMMARIANAS	Parcel 138 Shoreline Drive	Outdoor Areas	Grasses	6800.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVMMARIANAS	Parcel 503 Old HazMat	Outdoor Areas	Grasses	10200.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVMMARIANAS	Parcel 200 Transportation	Outdoor Areas	Grasses	8500.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVMMARIANAS	Parcel 116 Flag Pole Area	Electrical Boxes/Equip.	Grasses	1672.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVMMARIANAS	Parcel 114 Sumay Cemetery	Outdoor Areas	Grasses	594.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVMMARIANAS	Parcel 112 Marina Area	Outdoor Areas	Grasses	682.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVMMARIANAS	Parcel 110 Sumay Park and Cave Fortifica	Outdoor Areas	Grasses	1078.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVMMARIANAS	Parcel 101 Along Orote Road	Outdoor Areas	Grasses	47340.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVMMARIANAS	Parcel 189 Sasa Fuel Farm Area	Fencelines	Grasses	15000.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVMMARIANAS	Parcel 168 Antenna across Bldg 336	Outdoor Areas	Grasses	8500.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVMMARIANAS	Parcel 609 NBGTS Finegayan Housing	Outdoor Areas	Grasses	17000.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVMMARIANAS	Parcel 500 DDGM	Outdoor Areas	Grasses	1253.00 Square Feet	Ranger Pro	Glyphosate	524-517

Guam, COMNAVMAIANAS	Parcel 400 Orote Power Plant	Electrical Boxes/Equip.	Grasses	12656.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVMAIANAS	Parcel 154 Cold Storage Substation	Electrical Boxes/Equip.	Grasses	1252.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVMAIANAS	Parcel 400 Power Plant Orote	Electrical Boxes/Equip.	Grasses	11250.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVMAIANAS	Parcel 501 DRMO	Fencelines	Grasses	6760.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVMAIANAS	Parcel 189 Sasa Fuel Farm Area	Industrial Areas	Grasses	20000.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVMAIANAS	Parcel 501 DRMO	Electrical Boxes/Equip.	Grasses	3860.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVMAIANAS	Parcel 102 Helicopter Landing	Fencelines	Grasses	8634.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVMAIANAS	Parcel 319 Nimitz Hill Reservoir	Fencelines	Grasses	2544.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVMAIANAS	Parcel 321 Adelup Reservoir	Fencelines	Grasses	1365.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVMAIANAS	Parcel 102 Helicopter Landing	Fencelines	Grasses	5943.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVMAIANAS	Parcel 101 Along Orote Point	Electrical Boxes/Equip.	Grasses	5876.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVMAIANAS	Parcel 189 Sasa Fuel Farm Area	Industrial Areas	Grasses	2080.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVMAIANAS	Tinian Baker Runway	Outdoor Areas	Grasses	35000.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVMAIANAS	Parcel 151 Marine Drive	Outdoor Areas	Grasses	1452.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVMAIANAS	Parcel 2007 Santa Rosa to Gate	Outdoor Areas	Grasses	1275.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVMAIANAS	Parcel 162 Vicinity of Bldg 150	Outdoor Areas	Grasses	25500.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVMAIANAS	Parcel 2000 Recycling Center	Outdoor Areas	Grasses	2125.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVMAIANAS	Parcel 2001 Andy Tank Farm 3	Outdoor Areas	Grasses	1275.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVMAIANAS	Parcel 2005 Roundabouts and BX Berms	Outdoor Areas	Grasses	425.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVMAIANAS	Parcel 2007 Santa Rosa to Gate	Outdoor Areas	Grasses	1700.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVMAIANAS	Parcel 177 Field & Mini Golf Course	Outdoor Areas	Grasses	25500.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVMAIANAS	Parcel 177 Area by Bldg 338 (Gym)	Outdoor Areas	Grasses	25500.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVMAIANAS	Parcel 161 Antenna Field	Outdoor Areas	Grasses	25500.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVMAIANAS	Parcel 158 Antenna System	Outdoor Areas	Grasses	1500.00 Square Feet	Ranger Pro	Glyphosate	524-517

Guam, COMNAVVMARIANAS	Parcel 151 Marine Drive	Industrial Areas	Grasses	6168.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVVMARIANAS	Parcel 175 Area by Bldg 111 & Pass & ID	Outdoor Areas	Grasses	12750.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVVMARIANAS	Parcel 173 Fire Station Bldg, 112 & 228	Outdoor Areas	Grasses	13600.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVVMARIANAS	Parcel 196 Along Road to Bldg 32 and Ant	Industrial Areas	Grasses	17386.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVVMARIANAS	Parcel 193 Open Field around Antenna Are	Outdoor Areas	Grasses	8500.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVVMARIANAS	Northgate, Commercial Gate	Outdoor Areas	Grasses	4250.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVVMARIANAS	Parcel 613 Banyan Circle	Outdoor Areas	Grasses	28900.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVVMARIANAS	Parcel 185 Left side of Polaris Point fr	Outdoor Areas	Grasses	10513.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVVMARIANAS	Parcel 153A Camp Covington	Outdoor Areas	Grasses	12967.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVVMARIANAS	Parcel 185 Left side of Polaris Point fr	Outdoor Areas	Grasses	4873.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVVMARIANAS	Northgate, Commercial Gate	Outdoor Areas	Grasses	4675.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVVMARIANAS	Parcel 177 Area by Bldg 338 (Gym)	Outdoor Areas	Grasses	4250.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVVMARIANAS	Parcel 175, Area by Bldg 111 at Pass and	Outdoor Areas	Grasses	5100.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVVMARIANAS	Parcel 173 Fire Station Bldg, 112 & 228	Outdoor Areas	Grasses	5950.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVVMARIANAS	Parcel 613 Banyan Circle	Outdoor Areas	Grasses	10200.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAVVMARIANAS	Parcel 153A Camp Covington	Outdoor Areas	Grasses	4380.00 Square Feet	Ranger Pro	Glyphosate	524-517

Installation Name	Facility	Site	Pest	Area Treated	Pesticide Name	Active Ingredient	EPA Number
Guam, COMNAV Marianas	Parcel 124 Former PWC Parking	Sidewalks/parking	Grasses	85323.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAV Marianas	Parcel 124 Former PWC Compound	Industrial Areas	Grasses	6981.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAV Marianas	Parcel 124 Former PWC Compound	Industrial Areas	Grasses	125925.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAV Marianas	Parcel 124 Old PWC Compound	Industrial Areas	Grasses	80009.00 Square Feet	Ranger Pro	Glyphosate	524-517
Guam, COMNAV Marianas	Parcel 124 Old PWC Compound	Industrial Areas	Grasses	37588.00 Square Feet	Ranger Pro	Glyphosate	524-517

**CONTRACTOR PERFORMING SPRAY
(Block 15a)**

SOLICITATION, OFFER AND AWARD				1. THIS CONTRACT IS A RATED ORDER UNDER DPAS 15 CFR 700)		RATING DO-C3		PAGE 1 OF 46 PAGES		
2. CONTRACT NO. N40192-15-D-9008		3. SOLICITATION NO. N40192-14-R-9008		4. TYPE OF SOLICITATION [] SEALED BID (IFB) [X] NEGOTIATED (RFP)		5. DATE ISSUED 07 Sep 2014		6. REQUISITION/PURCHASE NO.		
7. ISSUED BY COMMANDING OFFICER - NAVFAC MARIANAS FSC PSC 456, BOX 186 FPO AP 96540-2837				CODE N40192		8. ADDRESS OFFER TO See Item 7		(If other than Item 7) CODE		
				TEL:		TEL:		FAX		
				FAX						
NOTE: In sealed bid solicitations "offer" and "offeror" mean "bid" and "bidder".										
SOLICITATION										
9. Sealed offers in original and <u>5</u> copies for furnishing the supplies or services in the Schedule will be received at the place specified in Item 8, or if handcarried, in the depository located in <u>Naval Base Guam Bldg 3190</u> until <u>02:00 PM</u> local time <u>09 Oct 2014</u> (Hour) (Date)										
CAUTION - LATE Submissions, Modifications, and Withdrawals: See Section L, Provision No. 52.214-7 or 52.215-1. All offers are subject to all terms and conditions contained in this solicitation.										
10. FOR INFORMATION CALL:		A. NAME FELIX A. BENAVENTE		B. TELEPHONE (Include area code) (NO COLLECT CALLS) 671-339-6750			C. E-MAIL ADDRESS felix.benavente@fe.navy.mil			
11. TABLE OF CONTENTS										
(X)	SEC.	DESCRIPTION			PAGE(S)	(X)	SEC.	DESCRIPTION		
PART I - THE SCHEDULE						PART II - CONTRACT CLAUSES				
X	A	SOLICITATION/ CONTRACT FORM			1 - 14	X	I	CONTRACT CLAUSES		
X	B	SUPPLIES OR SERVICES AND PRICES/ COSTS			15 - 22	PART III - LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACHMENTS				
X	C	DESCRIPTION/ SPECS/ WORK STATEMENT			23	X	J	LIST OF ATTACHMENTS		
	D	PACKAGING AND MARKING				PART IV - REPRESENTATIONS AND INSTRUCTIONS				
X	E	INSPECTION AND ACCEPTANCE			24 - 26		K	REPRESENTATIONS, CERTIFICATIONS AND OTHER STATEMENTS OF OFFERORS		
X	F	DELIVERIES OR PERFORMANCE			27 - 28		L	INSTRS, CONDS, AND NOTICES TO OFFERORS		
X	G	CONTRACT ADMINISTRATION DATA			29 - 33		M	EVALUATION FACTORS FOR AWARD		
X	H	SPECIAL CONTRACT REQUIREMENTS			34					
OFFER (Must be fully completed by offeror)										
NOTE: Item 12 does not apply if the solicitation includes the provisions at 52.214-16, Minimum Bid Acceptance Period.										
12. In compliance with the above, the undersigned agrees, if this offer is accepted within _____ calendar days (60 calendar days unless a different period is inserted by the offeror) from the date for receipt of offers specified above, to furnish any or all items upon which prices are offered at the price set opposite each item, delivered at the designated point(s), within the time specified in the schedule.										
13. DISCOUNT FOR PROMPT PAYMENT (See Section I, Clause No. 52.232-8)										
14. ACKNOWLEDGMENT OF AMENDMENTS (The offeror acknowledges receipt of amendments to the SOLICITATION for offerors and related documents numbered and dated):										
				AMENDMENT NO.		DATE		AMENDMENT NO.		
15A. NAME AND ADDRESS OF OFFEROR		CODE 1HCP2		FACILITY		16. NAME AND TITLE OF PERSON AUTHORIZED TO SIGN OFFER (Type or print)				
LANDSCAPE MANAGEMENT SYSTEMS INC ROBERT SALAS 194 OLD SAN VITORES RD TUMON GU 96913						ROBERT SALAS / PRESIDENT Signature deleted OMB M-05-15, "Safeguarding Personally Identifiable Information"				
15B. TELEPHONE NO (Include area code) (671) 647-2617		15C. CHECK IF REMITTANCE ADDRESS IS DIFFERENT FROM ABOVE - ENTER SUCH ADDRESS IN SCHEDULE.						18. OFFER DATE 15-Nov-2014		
AWARD (To be completed by Government)										
19. ACCEPTED AS TO ITEMS NUMBERED		20. AMOUNT \$6,549,106.43 EST		21. ACCOUNTING AND APPROPRIATION						
22. AUTHORITY FOR USING OTHER THAN FULL AND OPEN COMPETITION. [X] 10 U.S.C. 2304(c)(5) [] 41 U.S.C. 253(c)()				23. SUBMIT INVOICES TO ADDRESS SHOWN IN (4 copies unless otherwise specified)		ITEM				
24. ADMINISTERED BY (If other than Item 7)		CODE		25. PAYMENT WILL BE MADE BY DEFENSE FINANCE & ACCOUNTING SERVICE DFAS-CLEVELAND NORFOLK ACCOUNTS PAYABLE PO BOX 98022 CLEVELAND OH 44199-2123		CODE N68732				
See Item 7										
26. NAME OF CONTRACTING OFFICER (Type or print) CLAIRE C. PANGELINAN TEL: 671-349-3901 EMAIL: Claire.Pangelinan@fe.navy.mil				27. UNITED STATES OF AMERICA Signature deleted OMB M-05-15, "Safeguarding Personally Identifiable Information" (Signature of Contracting Officer)		28. AWARD DATE 15-Nov-2014				
IMPORTANT - Award will be made on this Form, or on Standard Form 26, or by other authorized official written notice.										

INDIVIDUAL OR AGENCY AUTHORIZING SPRAY
(Block 7)

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